



## PIGQ Polyclonal Antibody

UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol.,function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGQ		
Reactivity Human;Mouse  Applications WB;ELISA  Gene Name PIGQ GPI1  Protein Name Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q (EC 2.4.1.198) (N-acetylglucosamyl transferase component GPI1) (Phosphatidylinositol-glycan biosynthresis class Q protein) (PIG-Q)  Immunogen Synthesized peptide derived from human protein . at AA range: 130-210  Specificity PIGQ Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 83kD  Cell Pathway Membrane; Multi-pass membrane protein.  Tissue Specificity Melanoma, Retinoblastoma,  catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol, function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine from UDP-N-acetylglucosamine from UDP-N-acetylglucosamine from UDP-N-acetylglucosamine from IDP-N-acetylglucosamine from I	Catalog No	BYab-05919
Applications  WB;ELISA  Gene Name  PIGQ GPI1  Protein Name  Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q (EC 2.4.1.198) (N-acetylglucosamyl transferase component GPI1) (Phosphatidylinositol-glycan biosynthesis class Q protein) (PIG-Q)  Immunogen  Synthesized peptide derived from human protein . at AA range: 130-210  Specificity  PIGQ Polyclonal Antibody detects endogenous levels of protein.  Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source  Polyclonal, Rabbit, IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  WB 1:500-2000 ELISA 1:5000-20000  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  Observed Band  83kD  Cell Pathway  Membrane; Multi-pass membrane protein.  Tissue Specificity  Melanoma,Retinoblastoma,  Catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol, function:Part of the complex catalyzing the transfer of N-acetyl-glucosamine from UDP-N-acetyl-glucosamine from PloSQ familly, subunit-Associates with PIGQ, PIGC, PIGH, PIGP and DPM2. The latter is	Isotype	IgG
Gene Name PIGQ GPI1  Protein Name Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q (EC 2.4.1.198) (N-acetylglucosamyl transferase component GPI1) (Phosphatidylinositol-glycan biosynthesis class Q protein) (PIG-Q)  Immunogen Synthesized peptide derived from human protein . at AA range: 130-210  Specificity PIGQ Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit, IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms  Observed Band 83kD  Cell Pathway Membrane; Multi-pass membrane protein.  Tissue Specificity Melanoma, Retinoblastoma,  Function Catalytic activity: UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol, function:Part of the complex catalyzing the transfer of N-acetyl-glucosamine from UDP-N-acetyl-glucosamine from PiGQ familly, subunit-Associates with PIGQ, PIGC, PIGH, PIGP and DPM2. The latter is	Reactivity	Human;Mouse
Protein Name Phosphatidylinositol N-acetylglucosaminyltransferase subunit Q (EC 2.4.1.198) (N-acetylglucosamyl transferase component GPI1) (Phosphatidylinositol-glycan biosynthesis class Q protein) (PIG-Q)  Immunogen Synthesized peptide derived from human protein . at AA range: 130-210  Specificity PIGQ Polyclonal Antibody detects endogenous levels of protein.  Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.  Source Polyclonal, Rabbit,IgG  Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000 ELISA 1:5000-20000  Concentration 1 mg/ml  Purity ≥90% Storage Stability -20°C/1 year  Synonyms  Observed Band 83kD  Cell Pathway Membrane; Multi-pass membrane protein .  Tissue Specificity Melanoma,Retinoblastoma,  catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol ,function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinosifol, the first slep of GPI biosynthesis, galtway:Glycolipid biosynthesis, similarity:Belongs to the PIGQ famility, subunitt-Xasociates with PIGA, PIGC, PIGH, PIGP and DPM2. The latter is	Applications	WB;ELISA
(N-acetylglucosamyl transferäse component GPI1) (Phosphatidylinositol-glycan biosynthesis class Q protein) (PIG-Q)   Immunogen	Gene Name	PIGQ GPI1
Specificity       PIGQ Polyclonal Antibody detects endogenous levels of protein.         Formulation       Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.         Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000 ELISA 1:5000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Observed Band         Cell Pathway       Membrane ; Multi-pass membrane protein .         Tissue Specificity       Melanoma,Retinoblastoma,         Function       catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosamine) + 1-phosphatidyl-1D-myo-inositol = 0 the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis, pathway:Glycolipid biosynthesis, similarity:Belongs to the PIGQ family, subunit:Associates with PIGA, PIGC, PIGP, PIGP and DPM2. The latter is	Protein Name	(N-acetylglucosamyl transferase component GPI1) (Phosphatidylinositol-glycan
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Source       Polyclonal, Rabbit, IgG         Purification       The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000 ELISA 1:5000-20000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       Observed Band       83kD         Cell Pathway       Membrane; Multi-pass membrane protein.         Tissue Specificity       Melanoma,Retinoblastoma,         Function       catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosamine) to phosphatidylinositol, the first step of GPI biosynthesis, pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol, the first step of GPI biosynthesis, pathway:Glycolipid biosynthesis, similarity:Belongs to the PIGQ family, subunit:Associates with PIGA, PIGC, PIGH, PIGP and DPM2. The latter is	Specificity	PIGQ Polyclonal Antibody detects endogenous levels of protein.
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Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms         Observed Band       83kD         Cell Pathway       Membrane; Multi-pass membrane protein.         Tissue Specificity       Melanoma,Retinoblastoma,         Function       catalytic activity:UDP-N-acetyl-D-glucosamine + 1-phosphatidyl-1D-myo-inositol = UDP + 6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol.,function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis, pathway:Glycolipid biosynthesis, glycosylphosphatidylinositol-anchor biosynthesis, similarity:Belongs to the PIGQ family.,subunit:Associates with PIGA, PIGC, PIGH, PIGP and DPM2. The latter is	Purification	
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	Function	6-(N-acetyl-alpha-D-glucosaminyl)-1-phosphatidyl-1D-myo-inositol.,function:Part of the complex catalyzing the transfer of N-acetylglucosamine from UDP-N-acetylglucosamine to phosphatidylinositol, the first step of GPI biosynthesis.,pathway:Glycolipid biosynthesis; glycosylphosphatidylinositol-anchor biosynthesis.,similarity:Belongs to the PIGQ family.,subunit:Associates with PIGA, PIGC, PIGH, PIGP and DPM2. The latter is

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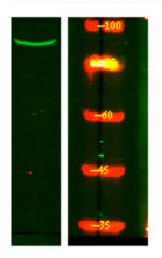


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Background	This gene is involved in the first step in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a N-acetylglucosaminyl transferase component that is part of the complex that catalyzes transfer of N-acetylglucosamine (GlcNAc) from UDP-GlcNAc to phosphatidylinositol (PI). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of Hela lysis, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

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